

B1
amended

an electronic voltage regulating circuit within said casing and having an input and an output electrically connected to said electrical contacts and said light bulb, respectively, said circuit regulating the battery voltage of the battery pack in said battery chamber to substantially the operating voltage of said light bulb, for operating said light bulb.

B2

6. (Twice Amended) The battery-operated lighting device as claimed in claim 1, wherein said voltage regulating circuit includes an integrated circuit chip producing a substantially constant output voltage that is the operating voltage of said light bulb, irrespective of an input voltage supplied by the battery pack in said battery chamber.

7. (Twice Amended) The battery-operated lighting device as claimed in claim 6, wherein said voltage regulating circuit includes a feedback loop connected from said output to said integrated circuit chip for indicating output voltage of said voltage regulating circuit.

B3

10. (Twice Amended) The battery-operated lighting device as claimed in claim 1, wherein the operating voltage of said light bulb is substantially 9.3V DC.

IN THE ABSTRACT:

Replace the Abstract with:

ABSTRACT OF DISCLOSURE

B4

A battery-operated lighting device for use with any one of several rechargeable battery packs, each battery pack having a pair of terminals and a different operating voltage. The lighting device includes a casing having first and second parts, a lighting unit including a light bulb located at the first casing part, and a battery chamber at the second casing part for receiving at least part of and locating the battery packs. The light bulb has an operating voltage. A pair of electrical contacts is located in the chamber for making electrical connection with respective terminals of a battery pack located by the chamber. The casing houses an electronic voltage regulating circuit that has an input and an output in electrical connection with the contacts and the light bulb, respectively. The circuit regulates the voltage of the battery pack to substantially the operating voltage of the light bulb for operating the light bulb.